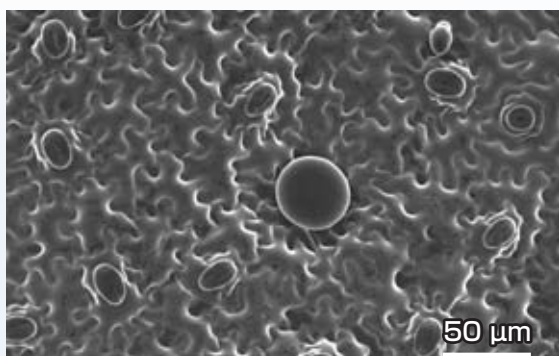


Quick imaging of Plant by Various Scanning Electron Microscopy

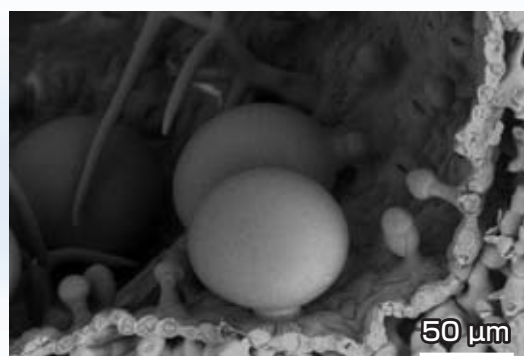
SU3500 + Gatan Alto1000, AeroSurf1500, HILEM IL1000

◎ Cryo SEM images of oil glands on plant leafs.



Apple mint

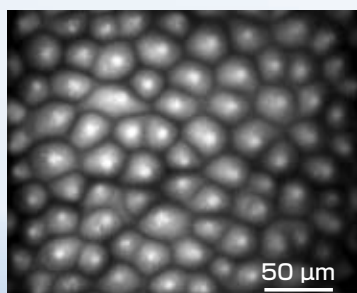
Instrument : SU3500 + Gatan Alto1000, Acc. Vol. : 1.5 kV,
Mag. : x400, Vacuum condition : High vacuum, Signal : SE



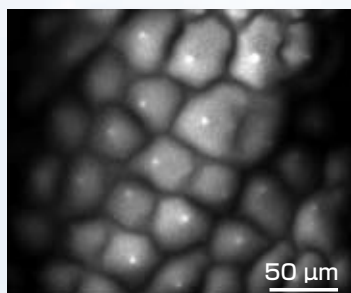
Rosemary

Instrument : SU3500 + Gatan Alto1000, Acc. Vol. : 5 kV,
Mag. : x420, Vacuum condition : 30 Pa, Signal : BSE

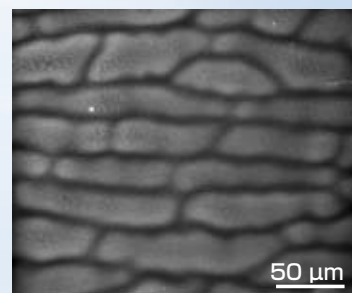
◎ Atmospheric pressure SEM images of various petals.



Rose



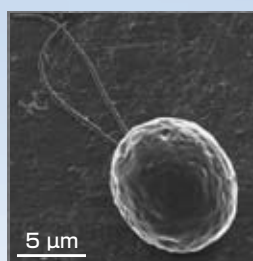
Rosemary



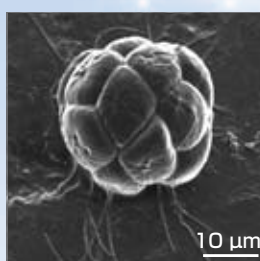
Cyclamen

Instrument : AeroSurf1500, Acc. Vol. : 15 kV, 1 atm (ca. 101 kPa), Magnification : x400

◎ SEM images of algae by using by using Hitachi HILEM® IL1000.



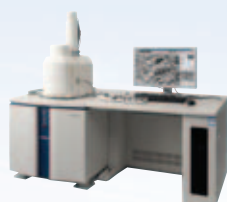
Chlamydomonas reinhardtii



Pandorina morum

Instrument : SU5000,
Acc. Vol. : 2 kV,
Mag. : x2 k (Left)
x5 k (Right),
Vacuum condition : High vacuum

Specimen courtesy by
Noriko Ueki and Ken-ichi Wakabayashi,
Chemical Resources Laboratory,
Tokyo Institute of Technology



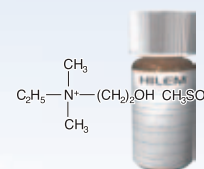
SU3500



Gatan Alto1000



AeroSurf 1500



HILEM® IL1000